

Application No.: 09/854,865

Amendment Date: December 8, 2004

Reply to office action of October 8, 2004

Entered with  
RCE 1-31-05  
John 28-05

### Amendments to the Claims

#### Listing of Claims

This listing of the claims will replace all prior versions, and listings, of claims in the application.

#### CLAIMS

1 1 (Currently amended) A multi-frame tape library system, comprising:  
2 a plurality of individual library frames connected in series, each said frame comprising a  
3 pulse signal generator, a plurality of tapes, a plurality of tape drive mechanisms for  
4 reading and writing data to said tapes, one or more controllable robot members to  
5 move said tapes to and from said tape drive mechanisms and a delay signal generator,  
6 at least one said frame also comprising a total count counter;  
7 a multi-channel bus coupled to each said frame and comprising a frame bus for carrying  
8 information indicative of the presence of each said frame, and a power bus return bus  
9 carrying information indicative of the last frame in said series;  
10 wherein one of said frames being defined as a first frame and adapted to receive a signal  
11 indicative of power being supplied to any one of said frames and generate a delayed  
12 signal, each subsequent frame receiving said delayed signal and generating a further  
13 delayed signal and each frame generating a pulse on said frame bus; wherein one of  
14 said frames being defined as said last frame and receiving said delayed signal and

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